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MAKING SUBCUTANEOUS FLOW-CHANNELS IN FOAM PATTRNS

ABSTRACT OF THE DISCLOSURE

Method of making a subcutaneous melt flow-channel in the surface of a fugitive foam pattern used in lost-foam casting process. After a refractory skin has been formed on the surface of a foam pattern, a strip of the skin is treated so as to cause the foam underlying the strip to recede from the strip and leave a groove in its stead. Suitable treatments include (1) heating the strip, or (2) applying a foam solvent thereto that soaks through the skin. In each case, the treatment is such as to cause the foam underlying the treated strip to soften and recede from the strip.